**Cost of the Coal Fired 300 MW Thermal Power Plant**

2815. SHRIMATI CHANDRA KALA PANDEY: Will the Minister of POWER be pleased to state:

(a) the approximate present cost of the coal fired 300 MW thermal plant;

(b) whether CEA has the expertise to assess the value of thermal plant of the above capacity;

(c) if so, the approximate cost of 12 year old 300 MW coal fired thermal plant which is presently running on 80-90 per cent plant load factor; and

(d) the cost of acquirement of 460 MW Talcher Power Station, 440 MW Tanda Power Station and 420 MW Unchahar Power Station by NTPC?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA): (a) The cost of setting up of a thermal power plant depends on a number of factors like site condition, unit size, coal quality, mode of transportation of coal, cooling water system, mode of ash disposal and financing arrangements, etc. Subject to these factors, the approximate cost of a Greenfield 300 MW thermal power project will be in the region of Rs. 1200 crores.

(b) Yes, Sir.

(c) The cost of 12 year old 300 MW coal fired thermal plant presently running at 80—90% plant load factor cannot be directly assessed since the plant evaluation depends on the unit size, number of units, type of transportation system, cooling system, present operating conditions of various units etc., as indicated in part (a) above.

(d) The cost of acquisition of Talcher, Tanda and Unchahar Power Stations by NTPC are as follows:

| Name of Power Station | Cost of acquisition by NTPC | Date of takeover |
|---|---|---|
| Talchar Thermal Power Station (460 MW) | Rs. 356 crores | 3.6.1995 |
| Tanda Thermal Power Station (440 MW) | Rs. 1000 crores | 14.1.2000 |
| Unchahar Thermal Power Station (420 MW) | Rs. 925 crores | 13.2.1992 |

**270 MW Captive Power Plant of BALCO**

2816. DR. Y. RADHAKRISHNA MURTY: Will the Minister of POWER be pleased to state:

(a) whether NTPC is managing 270 MW captive power plant of BALCO;

(b) if so, the present health of the plant;

(c) the plant load factor during the last three years; and

(d) the achievable power generation and plant load factor in the next ten years?

THE MINISTER OF STATE IN THE MINISTRY OF POWER (SHRIMATI JAYAWANTI MEHTA): (a) Yes, Sir. As per O&M Agreement (effective from 29.6.1987) between NTPC and M/s. Balco, NTPC is managing the 270 MW Captive Power Plant of Balco.

(b) Presently, one unit is under operation and other three units are under shutdown due to less demand from the Bharat Aluminium Company.

(c) The PLF (%) of the plant during the last three years is as under:

| | |
|---|---|
| 1997-98 | 89.33% |
| 1998-99 | 85.75% |
| 1999-00 | 85.41% |